

ABSTRACT OF THE DISCLOSURE

The invention discloses an interactive video equipment and a method for caption overlaying thereof, which can be used on a videoconference system for caption generating and overlaying. There is a software caption module for generating needed caption image and overlaying the caption image on a service image. The software caption module pre-generates a caption dot-matrix image according to the caption content, font and color information selected by a control layer, and selectively overlays the caption image on the image signal at a local side or at a remote side. The invention reduces a hardware device and a system cost, at the same time performs the caption overlaying more flexible and convenient, so that the caption can be transmitted to the remote side.